

**WHAT IS CLAIMED IS:**

1. A chemokine comprising the amino acid sequence of any one of SEQ ID NOS:1-10, wherein said chemokine is capable of mobilizing stem cells.
2. A method of mobilizing stem cells in an animal comprising administering to an animal and effective amount of a chemokine comprising an amino acid sequence selected from the group consisting of any one of SEQ ID NOS: 1-10.
3. The method of claim 2 further comprising administering a colony stimulating factor.
4. The method of claim 2 further comprising administering a hematoregulatory agent.